NITFS
Compliance Registration

Product: **DigitalGlobe WorldView-1 (WV01) Collection and Production System**
Version 7.4, P and G Product Types
Sponsor: **DigitalGlobe**

Date: 11 July 2011
Expiration: 31 August 2012
Registration # 1059

Developer: **DigitalGlobe**

☒ System ☐ Product ☐ Component
N-0105, §4.1.1   N-0105, §4.1.2   N-0105, §4.1.3

- ☐ Initial Registration
- ☒ Supplemental/Update #
- ☐ Derived from Reg. # 1059

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generat		█	█	█	█	█

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generat	█	█	█	█	█	█	

Configurations Tested:

-SGI 2000 with 6 Processors, IRIX 6.5

Legend
- ** NITF 2.0 only feature
- * NITF 2.1 only feature
- ● Fully implemented
- ◐ Partially implemented
- ○ Not implemented

Format
NITF
- ○ ● 2.1
- ○ ● 2.0
- ○   1.1

NSIF
- ○ ○ 1.0

Pixel Value Types
- ○ ○ Boolean
- ○ ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ○ CGM, 2301
- ○ ○ CGM, 2301A
- ○   Labels **

Text Segments
- ○ ● STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

NITFS Features Implemented:

Image Segment Types
- ○ ● MONO
- ○ ● RGB
- ○ ○ RGB/LUT
- ○ ○ YCbCr
- ○ ○ MULTI
- ○ ● NODISPLY
- ○ ○ POLAR
- ○ ● No Mask
- ○ ○ Mask

Image Compression
- ○ ● No compression
- ○ ○ JPEG Lossy, 8-bit
- ○ ○ JPEG Lossy, 12-bit
- ○ ○ JPEG Downsample
- ○ ○ JPEG Lossless
- ○ ◉ JPEG 2000
  - ○ ● Code Stream w/o JP2
  - ○ ○ Code Stream w/JP2
  - ○ ● 1 Band
  - ○ ● 3 Band RGB
  - ○ ○ 1 Band RGB/LUT
  - ○ ● Multiband
- ○ ○ Bi-Level
- ○ ○ Vector Quantization

Data Extension Segments
- ○ ● TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ○ Controlled Extensions
- ○ ◉ Registered Extensions
  - ○ ● CSATTA
  - ○ ● CSSHPA

Tagged Record Extensions
- ○ ● CSCCGA ○ ● HISTOA
- ○ ● CSCRNA ○ ● J2KLRA
- ○ ● CSDIDA ○ ● MAPLOB
- ○ ● CSEXRA ○ ○ NBLOCA
- ○ ● CSPROA ○ ● PIAIMC
- ○ ● CSSFAA ○ ● PRJPSB
- ○ ● GEOLOB ○ ● RPC00B
- ○ ● GEOPSB ○ ● STDIDC
- ○ ● STREOB ○ ● USE00A
- ○ ● CSEPHA

Bit-Per-Pixel
- ○ ○ 1
- ○ ● 8
- ○ ◉ 9-16
- ○ ○ 16
- ○ ○ 17-32
- ○ ○ 32
- ○ ○ 33-64
- ○ ○ 64

BRENT L. SNYDER, Lt Col, USAF, JTF Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.